

In the claims

1-25. (Cancelled)

26. (Original) A method for assisting installation of an electrode in a left ventricle of a patient's heart, the method comprising the steps of:

placing the electrode in a coronary sinus vein branch of the left ventricle;
detecting a plurality of electrical events in the patient's heart during a heart beat, wherein at least one of the plurality of electrical events is sensed by the electrode;
determining from the plurality of electrical events whether the electrode has an anterior or a lateral/posterior vein branch position during the heart beat; and
displaying on a display screen an indication of the determined position of the electrode.

27. (Original) The method of claim 26, wherein the plurality of electrical events include an onset of a QRS complex at the electrode and a peak of the QRS complex at the electrode, wherein determining the vein branch position comprises computing an interval between the onset and the peak, and wherein the indication on the display screen includes displaying the interval and ranges for the interval for each vein branch position.

28. (Original) The method of claim 26, wherein the plurality of electrical events include a right ventricle QRS complex peak and left ventricle QRS complex peak at the electrode, wherein determining the vein branch position comprises computing an interval between the right ventricle QRS complex peak and the left ventricle QRS complex peak, and wherein the indication on the display screen includes displaying the interval and ranges for the interval for each vein branch position.

29. (Original) The method of claim 26, wherein the plurality of electrical events include atrial activity and a left ventricle QRS complex peak at the electrode, wherein determining the vein branch position comprises computing an interval between the atrial activity and the left ventricle QRS complex peak, and wherein the indication on the

display screen includes displaying the interval and ranges for the interval for each vein branch position.

30. (Original) A method for installing an electrode of a VRT device in a left ventricle of a patient's heart, the method comprising the steps of:

- placing the electrode in a coronary sinus vein branch of the left ventricle;
- detecting a plurality of electrical events in the patient's heart during a heart beat, wherein at least one of the plurality of electrical events is sensed by the electrode;
- determining from the plurality of electrical events whether the electrode has an anterior or a lateral/posterior vein branch position during the heart beat; and
- adjusting settings used by the VRT device based upon the determined position of the electrode.

31. (Original) The method of claim 30, wherein the plurality of electrical events include an onset of a QRS complex at the electrode and a peak of the QRS complex at the electrode, and wherein determining the vein branch position comprises computing an interval between the onset and the peak.

32. (Original) The method of claim 30, wherein the plurality of electrical events include a right ventricle QRS complex peak and a left ventricle QRS complex peak at the electrode, and wherein determining the vein branch position comprises computing an interval between the right ventricle QRS complex peak and the left ventricle QRS complex peak.

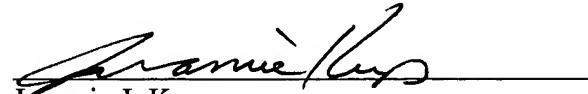
33. (Original) The method of claim 30, wherein the plurality of electrical events include atrial activity and a left ventricle QRS complex peak at the electrode, and wherein determining the vein branch position comprises computing an interval between the atrial activity and the left ventricle QRS complex peak.

Please charge any additional fees or credit any overpayment to Deposit
Account No. 13-2725.

Respectfully submitted,

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